

Work Order ID 150060

Tuesday, August 23, 2016 11:18:56 AM

150060

Page 1

Item ID: D2586

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Door Latch

Start Date: 8/26/2016 Start Qty: 25.00

25

Cust Item ID:

Required Date: 9/9/2016 Req'd Qty: 25.00

25

Customer:

Reference:

Approvals: Process Plan: **DAS** 21 Date: **AUG 23 2016**

Tooling:

Date:

Run Start ***NR1***QC: **9-89**

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2586	Rev E

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O:

Possible Supplier: Southco, P/N: C2-32-25 TCH Sales
Certification Required**25****AUG 25 2016****DAS**
13
9-89

110

0.00

110

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.08

Packaging

1-Attach certification
2-Keep Key with latch**25** **8/16-8-29**

120

0.00

120

QC

QC5- Inspect part completeness to step on W/O

Memo

0.08

Quality Control

25**DAS**
38
9-89**AUG 29 2016**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

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Page 2

Item ID: D2586

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Door Latch

Start Date: 8/26/2016 Start Qty: 25.00

25

Cust Item ID:

Required Date: 9/9/2016 Req'd Qty: 25.00

25

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

Small Fab

Small Fab

0.00

Memo

0.13

25

FF

SEP 14 2016

Small Fab

1-Drill Hole to 0.191"

2-Counterface as per Dwg D2586

3-Assemble Lock Nut to Hinge. Leave Latch Unlocked.

140

140

QC

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.08

(25)

DAS
38
9-89

SEP 19 2016

Quality Control

150

150

Packaging

Identify as per dwg & Stock Location: 5184

0.00

Memo

0.04

25

DAS
6
9-89

SEP 20 2016

Packaging

Ensure key is bag with latch

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

Work Order ID 150060

Tuesday, August 23, 2016 11:18:56 AM

150060

Page 3

Item ID: D2586 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Door Latch
Start Date: 8/26/2016 Start Qty: 25.00 ***25*** Cust Item ID:
Required Date: 9/9/2016 Req'd Qty: 25.00 ***25*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00				DAS			
160						21			
QC						9-89			
Quality Control	Memo	0.42							

SEP 21 2016
dm 10/09/21

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Tuesday, August 23, 2016 11:19:01 AM

Page 1

Work Order ID: 150060

150060

Parent Item: D2586

D2586

Parent Item Name: Door Latch

Start Date: 8/26/2016

Required Date: 9/9/2016

Start Qty: 25.00

Required Qty: 25.00

Comments: IPP E02.01.31Added Inspect level 21NG IPP RevF: add not to
keep key with latch DD 10.02.10 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
C23225 *C23225* DOOR LATCH		Purchased	No			110	Each	0.0000	1	25			
									**				
D3015-7 *D3015-7* Lock Nut		Manufactured	No			130	Each	257.0000	1	25			
									**				

25-08-16 SP.

FF

SEP 14 2016

Location

Loc Qty

Loc Code

ST015

257

144165

7

144974

250

25

DQA: _____ Date: _____

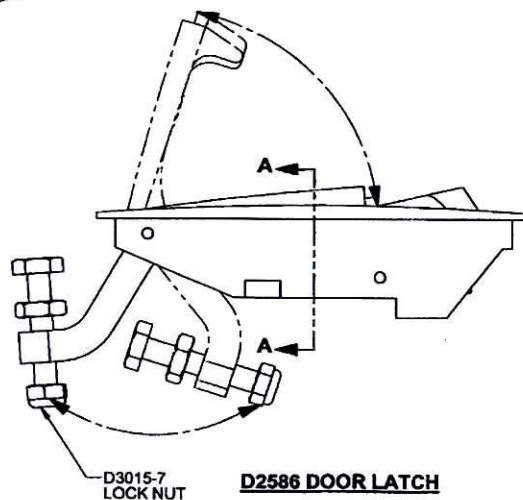
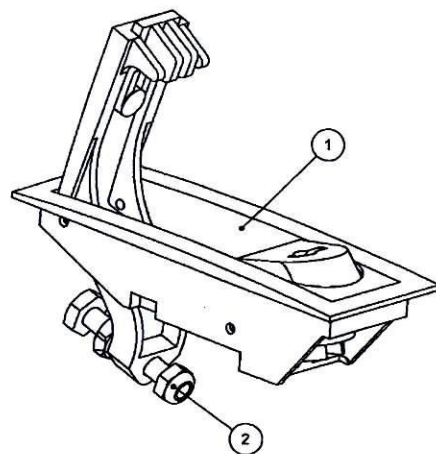
WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
10/1/2022				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					



D2586 DOOR LATCH

NOTES:

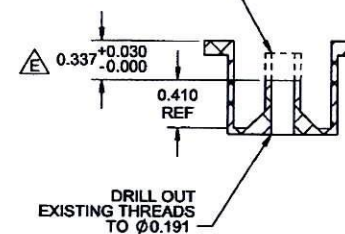
- 1) MATERIAL: PURCHASE FROM SOUTHCO
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.15 lbs APPROX

ITEM	QTY	P/N	DESCRIPTION
	X	D2586	LATCH ASSEMBLY
1	1	C2-32-25	LATCH
2	1	D3015-7	LOCK NUT

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 150060 MWS

16-08-23

CBORE TOP TO
REMOVE MATERIAL FROM
EXISTING BOSS



SECTION A-A

RELEASED
2011-07-04

E	REFORMAT. ZONE B3 UPDATED DIMENSIONS FOR CBORE. (SEE CAR 11-32)	AJS	11.08.13
D	ADD 3015-7 P/N; UPDATE DRAWING	CB	06.10.19
C	REVISED CBORE DEPTH	KE	97.09.03
B	CHANGED CBORE DEPTH	KE	97.07.23
A	NEW ISSUE	KE	96.07.15
REV.	DESCRIPTION	BY	DATE
DESIGN	KE		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.06.13		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D2586** REV. E
SHEET 1 OF 1
TITLE **DOOR LATCH** SCALE NTS

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33418

Purchase Order Date 8/25/2016 10:27:58 AM

PO Print Date 8/25/2016

Page Number 1 of 1

Order From :

T.C.H. SALES INC.
16757 BOUL. HYMUS

KIRKLAND, QUEBEC H9H 3L4

VU-TCH001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

AUG 25 2016

Contact Name

Vendor Phone 514-697-7847

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	C23225 AS PER DWG D2586 REV.E B150060	DOOR LATCH	8/31/2016 Yes 8/31/2016		25.00 Each	\$13.65	\$341.25
Line Total:							\$341.25
2	71401-45 PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A025 CERTIFICATE OF CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	PROCUREMENT QUALITY CLAUSES	8/31/2016 No 8/31/2016		1.00	\$0.00	\$0.00
Line Total:							\$0.00
PO Total:							\$341.25

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 8/25/2016

T.C.H. Sales Inc.

40 Emblem Court
Toronto, Ontario M1S 1B1
Phone: 1-800-465-6281
Fax : 1-855-299-3214



CUSTOMER • HARDWARE • SOLUTIONS

PACKING SLIP

VENDOR #	
DUNS #	242445328
TAX #	R105150197

CUSTOMER NUMERO DU CLIENT	STORE NUMBER NUMERO MARCHE	DEPARTMENT DIVISION	CUSTOMER PO COMMANDE DU CLIENT	ORDER COMMANDE	PACK NUMBER BON DE LIVRAISON	BOL NUMBER BOL NUMBER	PICK # NUMERO PICK	A/R TERMS A/R TERMES	PAGE PAGE
22428000			33418	162941	192003		213722	30	1

SOLD TO VENUE

SE
HX
IP
TD
OE

TEL: 613-632-9577

SHIP TERM CODE DE TRANSIT	SHIP VIA TRANSITAIRE	TRACER NUMERO DE TRACER	PACK DATE DATE DE PACK	CANCEL DATE DATE DE CANCEL	PCS PCS	WEIGHT POIDS	MEMO MESSAGES DIVERS
COLL	FedEx Priority	7210 2351 0080 WW 162600	08/25/16	12/31/17	1	14	JP/TYPE 3

[illegible]

Visit Us Online

www.tchweb.com

Conditions Of Sale:

All shipments FOB Scarborough, Ontario.
All returns are subject to a 15% handling charge and must be authorized.
All claims and discrepancies must be reported within 7 days.
We have the right to charge collection and attorney's fees of 25% and interest of 2% per month (or 24% per annum) on all overdue accounts.

Conditions De Vente:

Tous les retours de marchandises sont soumis à des frais de manutention de 15% et à l'autorisation. Veuillez signaler toutes les anomalies ou irrégularités dans les sept jours. Nous avons le droit d'imposer dans frais de recouvrement et de procédure de 25% ainsi qu'un intérêt de 2% par mois (ou 24% par an) sur tous les comptes en souffrance. Les biens faisant l'objet de la présente facture demeurent la propriété du vendeur jusqu'à parfait paiement.